Assembly Factor CBP4 (CBP4) Debaryomyces Hansenii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Assembly factor CBP4 (CBP4), Recombinant Protein
Full Product Name	Recombinant Debaryomyces hansenii Assembly factor CBP4 (CBP4)
Product Gene Name	CBP4 recombinant protein
Sequence	MSQKPLWYRW ARVGVVGFSI IATGSLLFKY TVPTDEQLIA KFSPEIRAEY ERNREIRQKE QQELMKIARE TAASDDPIWK TGRIKSPFEK DGRNTDPKLV DIEKYNRERG DEFKKSEVER AQQELREAEE LVSQKKGWFS RK
Host	Cell Free Expression
Form/Format	Liquid containing glycerol
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.
Molecular Weight	16,797 Da
Sequence Positions	1-142aa; full length protein
3D Structure	ModBase 3D Structure for Q6BI17
Species	Debaryomyces hansenii (strain 36239 / CBS 767 / JCM 1990 / NBRC 0083 / IGC 2968) (Yeast) (Torulaspora hansenii)
Product Categories/Family for CBP4 recombinant protein	Transmembrane Protein
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Application Notes for CBP4 recombinant protein	This is a recombinant transmembrane protein expressed in a cell-free expression system.
Related Product Information for CBP4 recombinant protein	MBS7010864 is a recombinant protein targeting CBP4. Also known as Recombinant Debaryomyces hansenii Assembly factor CBP4 (CBP4). Host: Cell Free Expression.
Other Notes	Small volumes of CBP4 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CBP4. It may not necessarily be applicable to this product.

NCBI GI #	294659738
NCBI GeneID	2905068
NCBI Accession #	XP_462154.2
UniProt Primary Accession #	Q6BI17
UniProt Related Accession #	Q6BI17
GenBank Nucleotide #	XM_462154.1
NCBI Official Full Name	DEHA2G14124p

NCBI Official Symbol	DEHA2G14124g
UniProt Protein Name	Assembly factor CBP4
UniProt Synonym Protein Names	Cytochrome b mRNA-processing protein 4
Protein Family	Assembly factor
UniProt Gene Name	CBP4
UniProt Entry Name	CBP4_DEBHA
NCBI Protein Information	DEHA2G14124p
UniProt Comments for CBP4	Essential for the assembly of ubiquinol-cytochrome c reductase. It has a direct effect on the correct occurrence of the Rieske protein, core 4, core 5 and apocytochrome b ().
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